

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 7, 15, 19 and 23-25 and ADD claim 26 in accordance with the following:

1. (CURRENTLY AMENDED) A network browser, comprising:
an analysis module of analyzing a display control file of managing a display screen to extract another file described or created by a script or a program in a resource file;
a storing module of specifying said another file to temporarily store a URL created by said script or said program;
a downloading module of downloading from a server said another file based on said URL according to a predetermined condition, and monitoring if no operation on the display has been performed during a certain period and/or a coordinate designated has stayed within a certain area of said display screen during a certain period of time;
a first loading module of analyzing and loading said another file which has been downloaded onto an invisible screen; and
a display module of executing or displaying said another file loaded into the invisible screen without downloading said another file when said another file in the display control file is designated on the display screen.

2. (ORIGINAL) A network browser according to Claim 1, wherein said analysis module includes a second loading module of loading another module when said another file requires said another module of execution or display of said another file.

3. (ORIGINAL) A network browser according to Claim 1, wherein said analysis module has:
a work list in which work file names are stacked;
an analysis target list in which names of files which need analysis are stacked; and
a non-analysis-target list in which names of files which need no analysis are stacked,

wherein when a file name read out from the work list does not coincide with any of the file names stacked in the non-analysis-target list, it is stacked in the analysis target list, and the file names stacked in the analysis target list are successively read out to execute accessing a server on the basis of the file names read out.

4. (ORIGINAL) A network browser according to Claim 3, wherein said analysis module accesses the server on the basis of each of the file names stacked in the analysis target list, and stacks each file name in the non-analysis-target list after the corresponding file has been downloaded.

5. (CANCELLED)

6. (CANCELLED)

7. (CURRENTLY AMENDED) A network browser according to Claim 6¹, further comprising a correspondence table in which said certain area and file names indicated in said certain area and extracted from the display control file are related to each other, wherein said analysis means determines said another file to be downloaded by referring to said table.

8. (ORIGINAL) A network browser according to Claim 7, wherein said certain area is one of the screen areas divided in the form of frames, and said correspondence table is formed by respectively relating the screen area and other files set with respective screen areas and indicated on the display control file.

9. (ORIGINAL) A network browser according to Claim 1, wherein said analysis module collectively downloads from the server a plurality of files placed subordinate to one higher-level directory as said other files.

10. (ORIGINAL) A network browser according to Claim 9, wherein said other files include files placed at different subordinate hierarchical levels as well as those placed at the same hierarchical level subordinate to one higher-level directory.

11. (ORIGINAL) A network browser according to Claim 9 or 10, wherein said analysis module has a correspondence table in which a high-level directory and files at a lower-hierarchical level are related to each other, and determines a file as another file to be downloaded by referring to the correspondence table.

12. (ORIGINAL) A network browser according to Claim 1, wherein the invisible screen is updated each time the display control file of controlling the display screen is changed, and updating of the invisible screen is not performed if another file loaded before an updating change and still another file to be loaded after the displaying change are identical to each other.

13. (ORIGINAL) A network browser according to Claim 1, wherein said analysis module gives a visual notice by changing the display on the display screen when starting analysis of the display control file or downloading of another file.

14. (ORIGINAL) A network browser according to Claim 13, wherein the change in the display on the display screen comprises a visual change of coordinate designation means displayed on the display screen.

15. (CURRENTLY AMENDED) A method for display using a network browser, comprising:

analyzing a display control file for managing a display screen to extract another file described or created by a script or a program in a resource file;

specifying said another file to temporarily store a URL created by said script or said program;

downloading from a server said another file based on said URL according to a predetermined condition;

analyzing and loading said downloaded another file onto an invisible screen; and
executing or displaying said another file loaded into the invisible screen without downloading said another file when said another file in the display control file is designated on the display screen, and

where an operation on the display screen is monitored and said analyzing and said downloading is started if no operation on the display screen has been performed during a certain time period and/or a designated coordinate has stayed within a certain area during a

predetermined time period.

16. (ORIGINAL) A method for display using a network browser according to Claim 15, wherein at the time of said analysis, if said another file requires another module to execute or display said another file, said another module is loaded.

17. (CANCELLED)

18. (CANCELLED)

19. (CURRENTLY AMENDED) A computer-executable storage medium comprising a program stored thereon, said program of performing a process comprising:

analyzing a display control file of managing a display screen to extract a description of another file described or created by a script or a program in a resource file;

specifying said another file to temporarily store a URL created by said script or said program;

downloading from a server said another file based on said URL according to a predetermined condition;

analyzing and loading said another file onto an invisible screen; and

executing or displaying said another file loaded into the invisible screen without downloading said another file when said another file in the display control file is designated on the display screen, and

where an operation on the display screen is monitored and said analyzing and said downloading is started if no operation on the display screen has been performed during a certain time period and/or a designated coordinate has stayed within a certain area during a predetermined time period.

20. (ORIGINAL) A computer-executable storage medium according to Claim 19, wherein at the time of said analysis, if said another file requires another module of execution or display of said another file, said another module is loaded.

21. (CANCELLED)

22. (CANCELLED)

23. (CURRENTLY AMENDED) A method, comprising:

downloading a file described or created by a script or a program in a resource file from a server when ~~a-the~~ resource file with which the file is linked is being browsed on a display screen, the file being downloaded based on a predetermined condition and a stored URL created by said script or said program; and

creating a screen image of the downloaded file onto an invisible screen, wherein the created screen image of the file loaded onto the invisible screen is displayed onto the display screen when the file is designated on the display screen, where the predetermined condition is based on a determination that an operation has not been performed during a period of time or a designated coordinate has stayed within a certain area of said display screen during the period of time.

24. (CURRENTLY AMENDED) An apparatus, comprising:

means for downloading files, at least one of the files being described or created by a script or a program in a resource file from a server when ~~a-the~~ resource file with which the file is linked is being browsed on a display screen and being downloaded based on a predetermined condition and a stored URL created by said script or said program; and

means for creating a screen image of the at least one of the files downloaded onto an invisible screen, wherein the created screen image of the at least one of the files loaded onto the invisible screen is displayed onto the display screen when at least one of the files is designated on the display screen, where the predetermined condition is based on a determination that an operation has not been performed during a period of time or a designated coordinate has stayed within a certain area of said display screen during the period of time.

25. (CURRENTLY AMENDED) A method of acquiring a URL for displaying via a network browser, comprising:

analyzing a source page content of a web page including a file described by a script or a program while the web page is being browsed and extracting a URL identified in the web page prior to designation of the URL based on said analyzing; and

temporarily loading the URL in an invisible screen when an operation has not been performed during a period of time or a designated coordinate has stayed within a certain area of

said display screen during the period of time and subsequently loading the URL by retrieving the URL from the invisible screen and displaying contents of the URL onto a display screen when the URL is designated.

26. (NEW) A method of displaying page content using a network browser, comprising:
downloading a second file in an invisible screen upon determining a link to the second file contained in a first file displayed meets a predefined condition; and
displaying the downloaded second file via the network browser responsive to a request by a user to display the second file.